

**Big South Fork  
National River & Recreation Area**

National Park Service  
U.S. Department of the Interior  
[www.nps.gov/biso](http://www.nps.gov/biso)



**Big South Fork National River & Recreation Area**



**GO BIG CHALLENGE**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Email:** \_\_\_\_\_



# Welcome to the GO BIG 2021 CHALLENGE!

Big South Fork Go Big 2021 Challenge is a year-long interactive activity for visitors to complete challenges and answer questions all while exploring and experiencing destinations within the boundary of Big South Fork National River and Recreation Area. This booklet is broken up into seven challenge categories. Under each category is a list of questions or tasks to complete along with their point values. A total of **100 points** is needed to earn your GO Big 2021 Challenge patch. This year, participants who receive **200 points** will earn a silver medallion, and those who accumulate **300 points** will earn a gold medallion! Each challenge category is different from the others. Pick and choose from the categories and questions to find the ones that are right for you. Complete a few or conquer them all; the choice is yours to make!

The Cumberland Plateau is best known for the biological diversity that thrives in its river gorges. The diverse habitats provided by the sandstone cliffs, whitewater river channels and forested slopes support a vast variety of animals and plants, many of which are listed as rare, threatened, or endangered by federal and state agencies. As you look through this booklet and work toward your 100 point goal, see if you can make a connection with the special plants, animals, and habitats that enable them to thrive.













Remember to always follow the principles of LEAVE NO TRACE as you explore and enjoy the park. Leave every area in better condition than when you first arrived. Don't move or relocate rocks and pack out what you bring in. Respect cultural landscapes and never remove items that belong there. For more information on the Leave No Trace ethics, you can find it at <https://www.nps.gov/articles/leave-no-trace-seven-principles.htm>. If you have any questions about something found on a trail, leave it there and contact Bandy Creek Visitor Center at (423) 286-7275.

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## BLUE HERON CHALLENGE

1.   **3 Points:** On the depot deck, find the wayside that discusses the timber that was first cut on the banks of the Cumberland River. What type of tree was it? \_\_\_\_\_  
\_\_\_\_\_
2.   **3 Points:** Stearns Coal & Lumber Company cut down many trees in Big South Fork to support its coal operations. On the depot deck, find the image of logs being milled. What types of wood are they? \_\_\_\_\_
3.  **3 Points:** At the superintendent's house, what was the name of the dog that Margaret Wright is pictured with? \_\_\_\_\_
4.  **3 Points:** Trees weren't the only resource found at Blue Heron. What types of fish are listed as being in the river at the nature's bounty structure? \_\_\_\_\_  
\_\_\_\_\_
5.  **3 Points:** The company store was a hub of activity and socializing for the miners and their families living at Blue Heron. Find the box of Grandpa's Soap inside the display there. What natural ingredient is listed on the box? \_\_\_\_\_
6.  **3 Points:** On the Blue Heron depot deck, how many men are pictured in the large photo? \_\_\_\_\_
7.  **3 Points:** Fishing was a popular pastime for the people that lived in Blue Heron. What company made the bait box in the entertainment structure display? \_\_\_\_\_
8.  **3 Points:** The Mine-18 display describes the early days of mining at Blue Heron. What animal was used to carry the coal out of the mine? \_\_\_\_\_
9.  **3 Points:** The church was a center of courtship and social life in the Blue Heron mining community. What quartet is listed on the Radio and Church Song book? \_\_\_\_\_
10.  **3 Points:** Often the teachers were nearly as young as the older students they taught. What would the teachers do with their students in the off hours? \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_: TOTAL POINTS EARNED



## FLORA CHALLENGE

Big South Fork National River and Recreation Area is a great place to find a wide variety of native wildflowers, and not just in spring! Inventorying & monitoring specialists have successfully identified 971 vascular plants in the park and new species are still being discovered. While many of the plants listed below are historically, or currently, used for a variety of purposes, it is important to remember that **picking and harvesting wildflowers in the park is prohibited.**

### EARLY SPRING

**11. 3 Points:** Bloodroot—This six-inch-tall flowering perennial consists of a single leaf topped by a showy, single white flower. This plant can be found in rich woods. American Indians used this plant to make body paint and dye for clothing.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

### MID SPRING

**12. 3 Points:** Little Brown Jug—A small, stemless perennial, this plant consists of several small brown jug shaped flowers. The petal-less flowers of this plant are often hidden underneath its green leaves. Look for smooth, arrowhead shaped leaves along the forest floor.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

**13. 3 Points:** Large-Flowered Trillium—This perennial grows 6–20 inches tall in rich, moist deciduous forests. The leaves of this plant form a spiral of three leaves around its stem. Flowers are white with yellow anthers in their center.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

**14. 3 Points:** Dwarf Iris—This perennial grows to about six inches tall. Its showy flowers boast a lavender color and spatulate shape, some of which may be drooping. Its leaves, green in color, are straight and narrow.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

### LATE SPRING

**15. 3 Points:** Mountain Laurel—This large shrub can grow to be 10 feet tall. Found in dry, acidic woods, this plant's shiny green leaves are four inches long and oval shaped. Its flowers, which grow in clusters, are whitish-pink and cup-shaped.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

**16. 3 Points:** Cancer Root—This perennial is a yellowish-brown root parasite. It grows unbranched stems between 2–8 inches tall with small, overlapping, scaly leaves. Its flowers are about a half inch long and are whitish or yellow. This plant is often found at the base of oak trees and is a favorite food of bears.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

\_\_\_\_\_: **TOTAL POINTS EARNED**



## EARLY SUMMER

**17. 3 Points:** Cumberland Azalea—This small shrub grows up to six feet tall and is made up of irregular, open branches. Its leaves are thin, irregular, and green. The flowers grow in groups of up to seven, are funnel shaped, and are orange in color. They consist of five petals and their stamens extend out of the flower.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

**18. 3 Points:** Indian Pipe—This small plant is between 3–9 inches tall and consists of one or more translucent, waxy, pale pink stems. Its flowers are the same color as the stem and are urn shaped. They consist of four of five petals pointing downwards.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

## MID SUMMER

**19. 3 Points:** Purple Coneflower—This perennial grows between 24–36 inches tall with hairy stems. Its leaves are 2–6 inches long, alternate, and come to a sharp point. Its flowers are solitary and consist of 15 or more petals surrounding a dark orange center.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

**20. 3 Points:** Butterfly Weed—This perennial grows to 24 inches tall and, although a milkweed, lacks the milky sap of other varieties. Often found on roadsides and other dry areas, this plant consists of alternate leaves which are 2–4 inches long and hairy. Its flowers are orange, or orange red in color and grow in clusters.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

## LATE SUMMER

**21. 3 Points:** Woodland Sunflower—A perennial that grows between 2–7 feet tall, this plant consists of smooth stems and opposite, sessile leaves. Its small ray flowers are yellow in color. Date:\_\_\_\_\_ Location:\_\_\_\_\_

## AUTUMN

**22. 3 Points:** White Wood Aster—This perennial grows between 12–36 inches tall and is colonial. It consists of zig-zag stems with two to four-inch-long toothed leaves. Its flowers are white and form a ray around a yellow disc.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

**23. 3 Points:** Tall Ironweed—A large perennial, this plant grows between 3–10 feet tall. Its leaves are alternate, simple, and can grow between 4–12 inches. It produces purple disc flowers which grow in clusters of 13–30. American Indians used this plant as a pain reliever during pregnancy and childbirth.

Date:\_\_\_\_\_ Location:\_\_\_\_\_

\_\_\_\_\_: TOTAL POINTS EARNED



## TRAIL CHALLENGE

Did you know that Big South Fork has over 500 miles of hiking, equestrian, mountain biking and multi-use trails? Not only that, but there are also over 70 miles of navigable water in the free-flowing Big South Fork River and its tributaries. So, get out there and #FindYourPark and answer a few, or all, of these questions along the way. For this year's challenge 2021, all mileage earned in Big South Fork NRRRA, as well as mileage earned in any of the seven community parks will count so don't forget to log it!

**24. Earn 1 point for every mile:** Hike Big South Fork National River & Recreation Area in 2021.

Total miles:\_\_\_\_\_

**25. Earn 1 point for every mile:** Bike Big South Fork National River & Recreation Area in 2021.

Total miles:\_\_\_\_\_

**26. Earn 1 point for every mile:** Ride in Big South Fork National River & Recreation Area in 2021.

Total miles:\_\_\_\_\_

**27. Earn 1 point for every mile:** Paddle Big South Fork River & its tributaries in 2021.

Total miles:\_\_\_\_\_

**28. Earn 50 BONUS points:** Hike the entire 65 miles of the Sheltowee Trace inside the Big South Fork National River & Recreation Area in 2021. Date completed:\_\_\_\_\_

**29. Earn 30 BONUS points:** Hike the entire 40 miles of the John Muir Trail inside Big South Fork National River & Recreation Area in 2021. Date completed:\_\_\_\_\_

**30. Earn 30 BONUS Points:** Hike or bike the entire 15 miles of the Kentucky Trail in 2021.

Date completed:\_\_\_\_\_

**31. Earn 20 BONUS points:** Pedal the entire 33-mile Epic Mountain Bike route in 2021.

Date completed:\_\_\_\_\_

**32. ☺ 3 Points:** At Blue Heron Outdoor Museum, take a stroll across the historic tipple bridge built in 1932 by Stearns Coal & Lumber Company. While walking across the Tipple Bridge, look down at the Big South Fork River to see if you can find any aquatic turtles sunning themselves in the river. There are many different species of aquatic turtles like the red eared slider, river cooter, soft shell, snapping, map, and painted turtle that call this river home. How many did you see \_\_\_\_\_ and can you identify them? \_\_\_\_\_ Date Visited: \_\_\_\_\_

\_\_\_\_\_: TOTAL POINTS EARNED



**33. © 3 Points:** Hike to the Devil's Jump Rapid on the Blue Heron Loop Trail in late March or early April. The 2.2-mile easy walk along the Big South Fork River is noted for its beautiful spring wildflowers. While there the perennial Virginia bluebells with their showy trumpet-shaped blue flowers should be in full bloom along the trail. Virginia bluebells grow in moist, rich woods and river floodplains in early spring and then die back by mid-summer when the plant goes dormant. Cherokee Indians used this plant to treat respiratory ailments, whooping cough, and consumption (tuberculosis). Remember, picking or harvesting of any plant in the park is forbidden.

Did you see the Virginia bluebells? \_\_\_\_\_ Date Visited: \_\_\_\_\_

**34. Ⓓ 15 Points:** Hike the entire 9-mile section of the Laurel Fork Creek Trail. While you are quietly enjoying this beautiful hike, take advantage of the opportunity to view possible wildlife. On this trail, river otters have been seen playing in the creek throughout the year. River otter were reintroduced into the park to control the muskrat population in the early 1990s. **\*15 Bonus points** can be earned if you spot a river otter! Did you see one? \_\_\_\_\_. Laurel Fork Creek is also the only place in the park where rainbow trout can be caught. **\*15 Bonus points** can be earned if you catch one! Take a selfie with your fish and email it to BISO\_challenge@nps.gov.

Total Points Earned: \_\_\_\_\_ Date Hiked: \_\_\_\_\_

**35. Ⓕ 5 Points:** Hike to Gentlemen's Swimming Hole in Rugby and explore the aquatic life hidden in North White Oak Creek. The best way to do this is by snorkeling! Choose a warm day and check the weather forecast. Also, call Bandy Creek Visitor Center to see if the river levels are safe for your adventure. Be sure to use a personal flotation device (PFD) for your size and never leave children unattended. Creeks and rivers can be dangerous and should be taken seriously.

While snorkeling, how many different species of fish did you see? \_\_\_\_\_

Can you identify any of them? \_\_\_\_\_ Date Snorkeled: \_\_\_\_\_

**36. 1 Point Each:** While out hiking or enjoying our day use areas, look for the beautiful eastern hemlock trees that grow throughout the park. These magnificent trees are slowly being destroyed by an insect native to East Asia called the hemlock woolly adelgid. Through grants and park funding, resource management staff are actively treating around 15 percent of these trees to ensure their survival. Look for colorful dots of paint located on the base of these trees to identify those that have been selectively treated. You will find some of these treated trees in front country areas that experience high visitation, along cultural landscapes and in various other locations. List all the places you see hemlocks with colorful dots and earn 1 point for each location. \_\_\_\_\_

Total Points: \_\_\_\_\_ Dates: \_\_\_\_\_

\_\_\_\_\_: **TOTAL POINTS EARNED**



## CRITTER CHALLENGE

In addition to the native flora, the habitats within Big South Fork National River and Recreation area have created the perfect conditions to support a wide variety of fauna as well. Use the challenges below to get better acquainted with the different species that call Big South Fork home. Remember to practice Leave No Trace principles when viewing wildlife: observe from a distance and do not approach, never feed animals, always store food properly, and keep pets under control and on a six foot leash.

**37. 1 Point Each:** Spring is the best time of year to hear and view our avian friends. Inventorying & Monitoring specialist have successfully identified 168 different species of birds in Big South Fork NRR. Go to our website and download “A Checklist of Birds in Big South Fork” at <https://www.nps.gov/biso/upload/BISO-bird-guide-taxonomic-order.pdf> and see how many you can identify while out in the park. Give yourself one point for each species you can correctly identify visually or by its song.

Species: \_\_\_\_\_

Date in 2021: \_\_\_\_\_ Total Points: \_\_\_\_\_

**38. 3 Points:** Chewing wood all day dulls even the strongest teeth. Beaver's teeth continue to grow all throughout their life span and have a built in self sharper to keep them busy. They are very very sharp! Beaver like to chew on certain types of trees and build with others. As you are out exploring the park, look for evidence that beavers have been nearby. What trail or area did you see beaver teeth marks on wood? Trail: \_\_\_\_\_ Date in 2021: \_\_\_\_\_

**\*20 Bonus Points** if you see a beaver in the park this year! Area: \_\_\_\_\_ Date: \_\_\_\_\_

**39. 3 Points:** Animals in the wild rely on natural sources for shelter, nesting, and food storage. Take your adventure further and learn what type of animal lives in various kinds of homes while on the trails and its housing habits. You would be amazed at how particular some critters are. What critter home have you seen in 2021 and what do you think may live there? Location: \_\_\_\_\_

Answer: \_\_\_\_\_

**40. 5 Points:** Six feet is not far enough from a wild black bear and can be life threatening if you try and get a selfie with one. Some wildlife biologists say 50 yards is a safe distance between you and the bear. We can learn about this beautiful animal in the evidence they leave behind, such as their tracks and scat. Where in the park have you seen bear tracks in 2021? \_\_\_\_\_

Date: \_\_\_\_\_

Take a photo of your GO BIG 2021 book next to a bear track and send it to us at [BISO\\_challenge@nps.gov](mailto:BISO_challenge@nps.gov).

**41. 3 Points:** Everything that eats must discard what their body doesn't use for nutrition. Wildlife biologists have learned a great deal about animals through their scat. Embrace nature and study some scat. What kind of critter do you think it is? \_\_\_\_\_ What does it eat, and can you make that out from the scat? \_\_\_\_\_

Where did you find it? \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_: **TOTAL POINTS EARNED**



**42. 3 Points:** Some of the best stories are about critters seen in the wild, even the ones you're scared of. You just don't know when or if you will see or hear any wildlife while on a trail. The marks they leave behind are often the only evidence that is left of their presence. Wildlife sometimes leave behind intricate patterns on a leaf, tree, on a riverbank or on many other items. Some may even consider it nature's art. You may need to explore nature up close to see the evidence you need. Take a picture of natural art left behind from a critter email it to BISO\_Challenge@nps.gov.

What do you see when you look at its pattern and what critter do you think left it? \_\_\_\_\_

Date: \_\_\_\_\_

**43. 10 Points:** The Big South Fork River is one of just a few free-flowing rivers left in the state of Tennessee and the eastern United States. These fluctuating rivers create precious and unique habitats for thousands of species of flora and fauna. Big South Fork NRRRA has successfully identified 79 different species of fish and 44 species of mussels with new species still being identified each year. Along with its tributaries, there is over 70 miles of water to explore. Before you head out, download Game Fish of Big South Fork at <https://www.nps.gov/biso/learn/nature/upload/Game-Fish.pdf>. You will earn an additional point for each of the species listed. Don't forget to obtain a valid Tennessee or Kentucky fishing license before you go. Species Caught: \_\_\_\_\_

Date Fished and Area: \_\_\_\_\_

Total Points Earned: \_\_\_\_\_

**44. 5 Points:** There are 17 confirmed species of salamanders here in Big South Fork NRRRA. These fragile critters fill an important role in the ecosystem due to their sensitivity to toxins and pollution that filters through their permeable skin. Seeing them thrive in an area is a good indicator that there is a healthy ecosystem. Hit the trails and try to locate the Eastern newt. During this season of their lives, they dwell mainly on land but spend their adult life cycle in the water. As they become adults, their bodies change colors from a bright orange to a dull olive green and they develop a more keel-shaped tail with elongated bodies. There are a few other salamander species that mimic the eastern newt's bright orange color due to the toxic skin secretions that protect it from predators. Where Found: \_\_\_\_\_

Date: \_\_\_\_\_

**45. 3 Points:** Select areas of the Cumberland Plateau are one of the only places to find the secretive and secluded glow worms that thrive in Big South Fork NRRRA. These magnificent critters are unseen to visitors most of the year but can be viewed in special habitats during their bioluminescent phase of metamorphosis. Glow worms are the larvae of a fungus gnat that glow a light blue color during the months of May and June. They thrive in the sensitive cliff line habitats like the largest rock shelter on Middle Creek Loop, Oscar Blevins Loop cliff line and many other locations in the park. They can only be seen in total darkness when the moon is not visible. Use caution when exploring the delicate cliff drip lines in the park! These areas are sensitive habitats that contain unique plant communities that aren't found in any other areas.

Areas Found: \_\_\_\_\_

Dates: \_\_\_\_\_ Total Points: \_\_\_\_\_

\_\_\_\_\_: TOTAL POINTS EARNED



## RANGER CHALLENGE


This unique category encompasses a wide variety of challenges designed to help participants to get a more in-depth and enjoyable experience. Choose a few or complete them all to get your 100, 200, and 300 points.

**46. 50 Points:** Help your national park by becoming a volunteer Trail Keeper. Volunteers must do a complete check of the trail once each quarter and turn in their required paperwork to Effie Houston in 2021 to receive the points. Sign up by email at [effie\\_houston@nps.gov](mailto:effie_houston@nps.gov).

Trail: \_\_\_\_\_

1st Quarter Date: \_\_\_\_\_ 3rd Quarter Date: \_\_\_\_\_

2nd Quarter Date: \_\_\_\_\_ 4th Quarter Date: \_\_\_\_\_

**47.  1 Point Per Hour:** Be a park volunteer! There are many ways you can serve in your national park! Contact Effie Houston in 2021 to see how you can help out with special events and special projects. Sign up by email at [effie\\_houston@nps.gov](mailto:effie_houston@nps.gov) and fill out all mandatory forms. (Trail Keeper time does not count on this section.)

Total Hours/Points: \_\_\_\_\_

**48.  Receive 5 points for every ranger-led program you attend in 2021:** Some programs are wheelchair accessible. Contact Bandy Creek Visitor Center at (423) 286-7275 for more information.

Dates: \_\_\_\_\_

**49.  10 Points:** Become a junior ranger by completing the park Junior Ranger Book in 2021.

Date: \_\_\_\_\_

**50.  10 Points for each of the four major events attended plus 10 points for attending all four:**

1. Spring Planting & Music Festival: April 24

2. Decoration Day: May 15

3. Blue Heron Ghost Train: September 11

4. Haunting in the Hills Storytelling Festival: September 18

Get a passport cancellation stamp somewhere on this page for each event. Total Points: \_\_\_\_\_

**51.   20 Points:** Ride the Big South Fork Scenic Railway to Blue Heron Outdoor Museum in 2021.

Date: \_\_\_\_\_

**52.  20 Points:** Spend the night at Charit Creek Lodge in 2021. Date: \_\_\_\_\_

What cabin did you stay in? \_\_\_\_\_

What was on the menu for dinner that night? \_\_\_\_\_

\_\_\_\_\_: **TOTAL POINTS EARNED**



**53. ♿ 10 Points:** Swim in the Bandy Creek Campground swimming pool in 2021. Wristbands for entry can be purchased at the campground kiosk. Date:\_\_\_\_\_

**54. 10 Points:** Obtain a permit and go backcountry camping in the park in 2021. Permits can be obtained at Bandy Creek Visitor Center or online at Pay.Gov. Date:\_\_\_\_\_

**55. ♿ 10 Points:** Go camping at a Big South Fork campground in 2021.  
Date:\_\_\_\_\_

**56. 10 Points:** Obtain the appropriate state license and go hunting at Big South Fork National River & Recreation Area in 2021. **\*10 Bonus Points** for going Hog Hunting. Obtain a hog hunting permit and try to help eliminate these destructive, non-native species that threaten native flora and fauna.  
Date:\_\_\_\_\_

**57. ♿ 10 Points:** Don't forget your camera! Enter a photo in Big South Fork's 2021 annual photo contest. There is a youth category. Date:\_\_\_\_\_

**58. ♿ 5 Points:** Ask a park ranger to tell you their favorite animal and plant of Big South Fork. Add their name and answer below.  
Ranger:\_\_\_\_\_  
Answer:\_\_\_\_\_



\_\_\_\_\_: **TOTAL POINTS EARNED**



## COMMUNITY PARKS CHALLENGE

This year we are joining hands with our neighboring parks again and challenging you to explore something new in the community. Below you will find six unique places with common goals like Big South Fork NRRRA. As you visit them, see if you can make a connection with the many species of flora & fauna and the special habitat here on the Cumberland Plateau where they each fill such an important role in the ecosystem. Just like the 2020 challenge, we are encouraging you to count all the trail mileage you accumulate and log it for any of these six parks, as well as Big South Fork NRRRA



### Cumberland Gap National Historic Park

At Cumberland Gap, the first great gateway to the west, follow the buffalo, the American Indian, the long hunter and the pioneer who all traveled this route through the mountains into the wilderness of Kentucky. Modern day explorers and travelers stand in awe at this great gateway and the many miles of trails and scenic features found in the park. The visitor center is open daily 9 am to 4 pm every day except December 25. Call the visitor center at (606) 248-2817 for accurate directions from your location.

**59. ♿ 4 Points:** Pop into the Cumberland Gap National Historical Park Visitor Center. Scan the America's National Park shop shelves for the book "Cumberland Gap: Pathway to a Land of Mist and Mystery" which illuminates this area as the first gateway to the west. Many settlers followed Daniel Boone through the Gap during the first great westward migration. While we first created the trail through this famous mountain pass as we headed to the salt licks in what is now Kentucky, we are now only found in western Alaska and wildernesses located within Canada's Northwest Territories, Yukon, British Columbia, Alberta, and Manitoba. Who are we? \_\_\_\_\_ Date Visited: \_\_\_\_\_

**60. 4 Points:** I can be found on the Sugar Run Trail. I can grow as tall as 102 feet. I provide important shade to the ecosystems in which I grow. In recent years, I have struggled to thrive in the Southern Appalachian area due to an adelgid that feeds upon me and deposits its eggs upon me.

What am I? \_\_\_\_\_ Date Hiked: \_\_\_\_\_

**61. 4 Points:** I can be found on the way to the Tri-State Peak, a round trip hike of 2.4 miles. I am small, green, and grow in clusters. I grow the best in damp soil with plenty of shade coverage and my stems love to "run" on the ground. You can find me hanging out on the ground with ferns. I am a type of clubmoss.

What am I? \_\_\_\_\_ Date Hiked: \_\_\_\_\_

\_\_\_\_\_: TOTAL POINTS EARNED



## Daniel Boone National Forest

Spread across 21 counties of southern and eastern Kentucky, more than 708,000 acres of National Forest System lands are managed within a 2.1 million-acre proclamation boundary. It was officially established in February 1937 by President Franklin D. Roosevelt. When established, it was named the Cumberland National Forest. Later in 1966, it was renamed as the Daniel Boone National Forest in recognition of the adventurous frontiersman that explored much of that Kentucky region. Big South Fork NRR shares 36.5 miles of boarder with Daniel Boone National Forest so get out there and have an adventure in this vast national forest!

**62. 4 Points:** Visit the Bell Farm area. You can get there from Hwy 154 (KY162) and take a left on 562 just over the state line. Follow 562 to 564 north and then to 6303. You can also reach Bell Farm from taking 139 from Peter's Mountain off Divide Road. Bell Farm was once a thriving community in the early 1900s when Stearns Coal & Lumber Company owned most of the land and operated a saw mill there. What company and camp of the CCC was established at what is now Bell Farm Horse Camp and when? \_\_\_\_\_

Date Visited: \_\_\_\_\_

**63. 4 Points:** While on 562, take a right and head south on 137. Visit the Hemlock Grove Picnic Area. When was this picnic area constructed? \_\_\_\_\_

Date Visited: \_\_\_\_\_

**64. 4 Points:** After visiting Hemlock Grove, continue south on 137 and visit Great Meadows Campground. Kentucky Department of Fish and Wildlife Resources stocks Rock Creek eight times a year with rainbow trout and there is no size limit. During what time period is Rock Creek a catch and release only stream? \_\_\_\_\_ During this time, only artificial lures may be used. The rest of the year, the angler may keep their daily limit of eight trout. Date visited: \_\_\_\_\_

**65. 10 Points:** Make sure you know the answer to the above question before you continue with this challenge! You get 10 points if you can catch one of the trout that are stocked in this stream! Obtain a Kentucky state fishing license and trout stamp and go fishing in Rock Creek. Take a picture of you and your rainbow trout and email it to BISO\_challenge@nps.gov.

Date fished and caught: \_\_\_\_\_



\_\_\_\_\_: TOTAL POINTS EARNED



## Obed Wild & Scenic River

Looking much the same today as it did long ago when the first European settlers arrived, the Obed is indeed both wild and scenic. The river allowed for trapping and hunting, but farming was never an option due to poor soil. Today, a variety of outdoor adventures await you. Obed Visitor Center is open 9:00 am–5:00 pm (ET) in Wartburg, Tennessee and is closed on Thanksgiving, December 25, and January 1.

**66. ♿ 4 Points:** Visit the Obed Wild & Scenic Visitor Center. Read the exhibit titles “Vanishing Species.” What Obed wildflower/plant requires free-flowing water and periodical flooding for its reproduction? \_\_\_\_\_

Date Visited: \_\_\_\_\_

**67. 10 Points:** Go fishing at Obed Wild and Scenic River where there is a great opportunity to catch different types of fish that thrive in the river. There are large and smallmouth bass, rock bass, bluegill, crappie, muskellunge and catfish. These fish can be caught in virtually any spot on the river. For some luck, try casting lures such as spinnerbaits and be sure to have a current Tennessee fishing license. Do you know what the most common fish caught in the Obed River is? It is the smallmouth bass!

**\*5 Bonus Points** if you catch a small mouth bass! Take a selfie with your fish and a thumbs up and email it to [BISO\\_challenge@nps.gov](mailto:BISO_challenge@nps.gov)

Date Fished: \_\_\_\_\_ Species Caught: \_\_\_\_\_

Total Points: \_\_\_\_\_

**68. ♿ 4 Points:** Attend a Night Sky Program at the only unit of the National Park System in Tennessee that is a silver-tier International Dark Sky Park. While at the Night Sky Program at Lilly Bluff Overlook, ask a park ranger for an Obed Dark Sky Park sticker and see the new Night Sky wayside exhibit. Why is preserving our nightscape important? \_\_\_\_\_



\_\_\_\_\_: TOTAL POINTS EARNED



## Frozen Head State Park

Date Attended: \_\_\_\_\_

Frozen Head State Park and Natural Area encompasses more than 24,000 acres of wilderness area and is named for a 3,324-foot peak in the Cumberland Mountains, the top of which is often shrouded in ice or snow in the winter months. The impressive entrance leads visitors into a vestige of densely forested, unspoiled mountain splendor — once common throughout the Cumberland Plateau. There are 20 primitive tent campsites within the park. Fifty miles of backpacking and day-hiking trails provide wildlife viewing opportunity. Many of the trailheads are located near the park office, with lesser-used trailheads located at Armes Gap and just off Highway 62 to the south. Most of the trails are open only to hiking, although mountain biking is allowed on the Lookout Tower Trail, which leads to the summit of Frozen Head. The visitor center is in Wartburg off Hwy 62 and Flat Fork Road. Call (423) 346-3418 for park information.

**69. 4 Points:** Explore the native wildflowers garden near the Panther Branch Trailhead/Parking Area. Take a selfie with your favorite wildflower (whether its blooming or not!). **\*5 Bonus points** if you can find that wildflower again out in the park and take another selfie! \_\_\_\_\_

Email to BISO\_challenge@nps.gov. Trail found: \_\_\_\_\_

**70. 4 Points:** Hike 0.5 miles up the Panther Branch Trail to see Debord Falls! Splash around in the water and search the creek for salamanders and crawdads. Remember to put the rocks back exactly like you found them so the critters will have a happy home to return to. Date hiked: \_\_\_\_\_

**71. 4 Points:** Hike the 0.5-mile Interpretive Loop Trail from the Old Mac Trailhead. Read the informational signs about decomposers, hemlocks, and barred owls. According to the signs, what call does a barred owl make? \_\_\_\_\_



\_\_\_\_\_ : TOTAL POINTS EARNED



## Manhattan Project National Historical Park

The Manhattan Project has a very interesting history. Did you know that the top-secret Manhattan Project happened during WWII and ultimately led to the nuclear bombs that were dropped on Japan, ending the war? Oak Ridge is referred to as The Atomic City, The Secret City or The City Behind the Fence. These names were given because during WWII this was a top-secret city that was constructed and housed over 75,000 people. The facilities at Oak Ridge produced enriched uranium through an electromagnetic separation process. Today, you can learn more about the Manhattan Project and the history of Oak Ridge by visiting the NPS visitor center located at the Children's Museum of Oak Ridge, 461 West Outer Drive Oak Ridge, TN.

**72. ♿ 4 Points:** According to the Manhattan Project sign "Planting Gardens to Win the War", \_\_\_\_\_ million Victory Gardens produced \_\_\_\_\_ percent of vegetables consumed in the United States.  
Date Visited: \_\_\_\_\_

**73. ♿ 4 Points:** According to the Manhattan Project sign "Enlisting Nature in Fight for Freedom", flower beds caught the attention of people, bees, butterflies, hummingbirds, \_\_\_\_\_, and \_\_\_\_\_.  
Date Visited: \_\_\_\_\_

**74. 4 Points:** Attend one of the Tennis Court Dances held by the Manhattan Project NHP. Swing dancing was a very important part of the families lives that lived and worked in the Secret City during the 1940s era and the Jackson Square Tennis Courts was where many of these social events took place. Contact the visitor center at (865) 482-1942 or follow us on Facebook to find out when the programs are being held. Don't forget to bring your dancing shoes!  
Date Attended: \_\_\_\_\_



\_\_\_\_\_: TOTAL POINTS EARNED



## Cumberland Mountain State Park

Cumberland Mountain State Park began as part of the greater Cumberland Homesteads Project, a New Deal-era initiative by the Resettlement Administration that helped relocate poverty-stricken families on the Cumberland Plateau to small farms centered on what is now the Cumberland Homestead community. This 1,720-acre park was acquired in 1938 to provide a recreational area for some 250 families selected to homestead on the Cumberland Plateau. The park is located around Byrd Lake, a man-made lake created by the impoundment of Byrd Creek in the 1930s. The park provides numerous recreational activities, including hiking, swimming, picnicking and interpretive programs. The park also features a popular area restaurant and separate recreation hall that can accommodate up to 250 people. The park is in Cumberland County on Hwy 127 South.

**75. 4 Points:** Visit the aviary across from the visitor center. This aviary is home to several rehabilitated birds of prey. Most injured birds of prey are hit by moving sources of transportation. Often, they are landing near the roadsides to obtain prey gathered around trash that is left by humans. Next time you think about littering, consider the danger to wildlife by this careless action. At the aviary, what are the bird's names and what species are they? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**76. ♿ 4 Points:** Take a stroll on the fully accessible 1.0-mile RTP Trail. This trail was constructed with a quarter million-dollar grant from the Recreational Trail Program. It is also known as the Storybook Trail. You and your family can enjoy an outdoor reading experience via panels constructed along this trail. Hike the trail and experience the beauty of nature while reading "Night Night Forest Friends" by Annie Bach. Take a selfie next to the panel featuring the rabbit family and email it to [BISO\\_challenge@nps.gov](mailto:BISO_challenge@nps.gov). You are going to love this trail! Date Visited: \_\_\_\_\_

**77. ♿ 4 Points:** Visit the Cumberland Mountain Restaurant and Museum. While enjoying a wonderful meal and learning about the park's history, list four of the special native wildflowers growing around these buildings. Wildflowers are labeled and easily accessible for your viewing pleasure. Be sure to call the visitor center at (931) 484-6138 while planning your trip to ensure the restaurant and museum are open. \_\_\_\_\_

Date Visited: \_\_\_\_\_



\_\_\_\_\_ : TOTAL POINTS EARNED



## SOCIAL MEDIA CHALLENGE

During the Go Big 2021 Challenge we will be having #TriviaTuesday on the first Tuesday of every month on Facebook. These questions will not be found in the challenge book but will be different and unique in nature. To participate, record the posted questions below, the date it was posted, and the correct answer to receive your points! Questions could be web based questions or require the participant to venture outside and into Big South Fork National River & Recreation Area to find the answers.

DATE	QUESTION	ANSWER	POINTS

\_\_\_\_\_ : TOTAL POINTS EARNED



# GO BIG CHALLENGE ACTIVITY LOG SHEET

**Big South Fork National River and Recreation Area  
National Park Service  
U.S. Department of the Interior**

[illegible]



# GO BIG CHALLENGE ACTIVITY LOG SHEET

**Big South Fork National River and Recreation Area  
National Park Service  
U.S. Department of the Interior**

[illegible]



# GO BIG 2021 CHALLENGE POINT LOG

Add up the points on each page of this booklet and log them onto the corresponding lines below.

Total Points Per Page				
Page 3			Page 11	
Page 4			Page 12	
Page 5			Page 13	
Page 6			Page 14	
Page 7			Page 15	
Page 8			Page 16	
Page 9			Page 17	
Page 10			Page 18	

GRAND TOTAL: \_\_\_\_\_

For award purposes we need you to select your age category:

Under 18 y/o ☐

Adult ☐

Those who wish to be considered for an award must have their booklets turned in to the Bandy Creek Visitor Center no later than December 1, 2021. There will be a "Go Big Celebration" on December 11, 2021 at Bandy Creek Visitor Center for everyone who participated. Those present will be considered for an award in various categories, however, employees and their families are not eligible to compete.

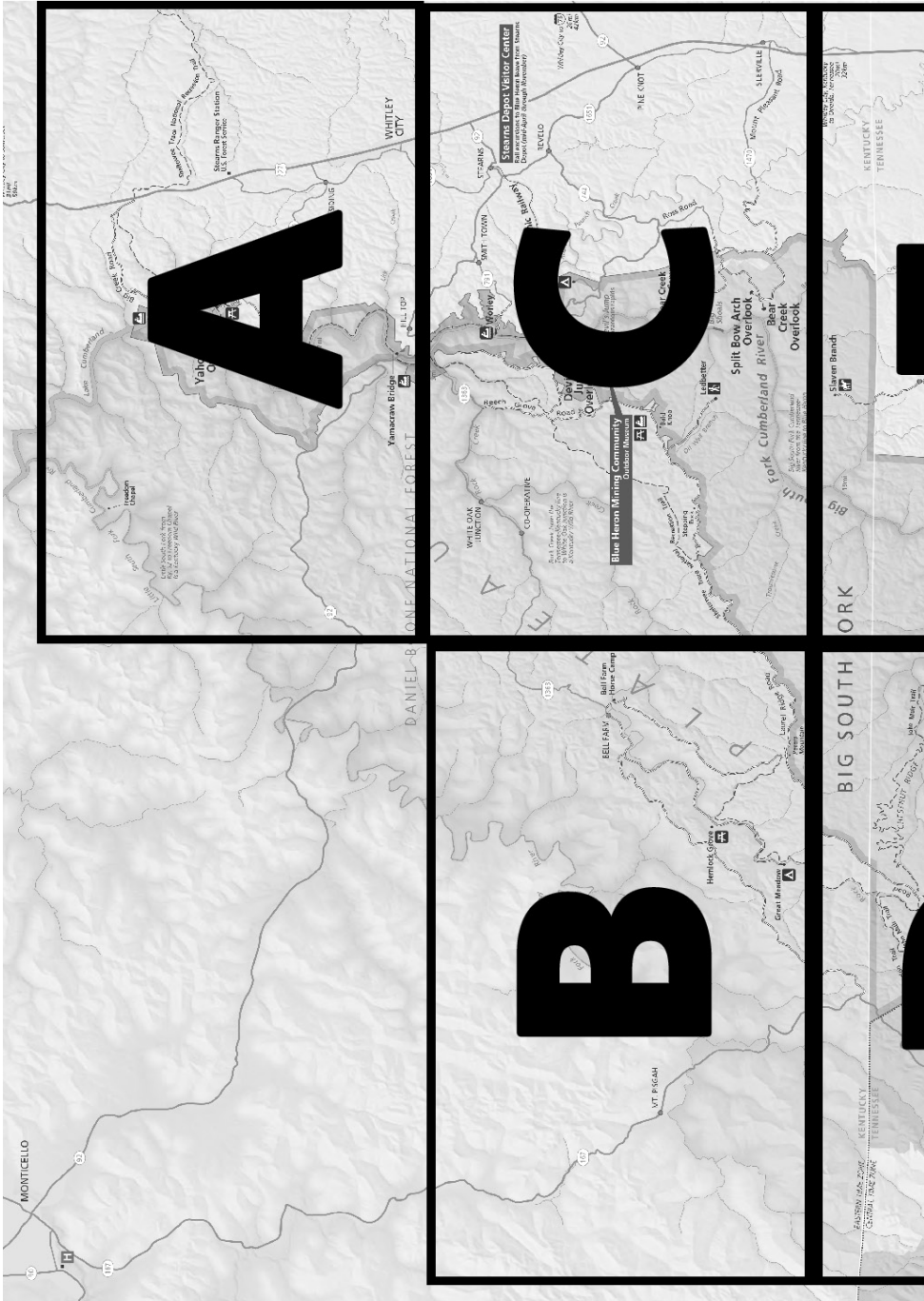
## AWARD CATEGORIES

- Most Hiking Miles
- Most Biking Miles
- Most Canine Miles
- Most Equestrian Miles
- Most Volunteer Points
- First Person to 100 Points
- Youth Award: Most Overall Points
- Most Overall Points: First and Second Place

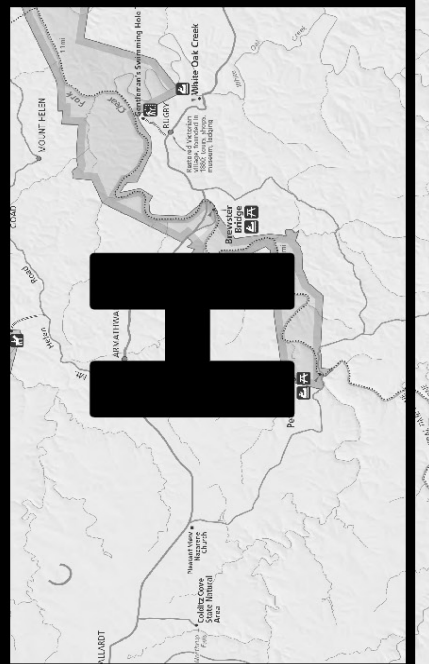
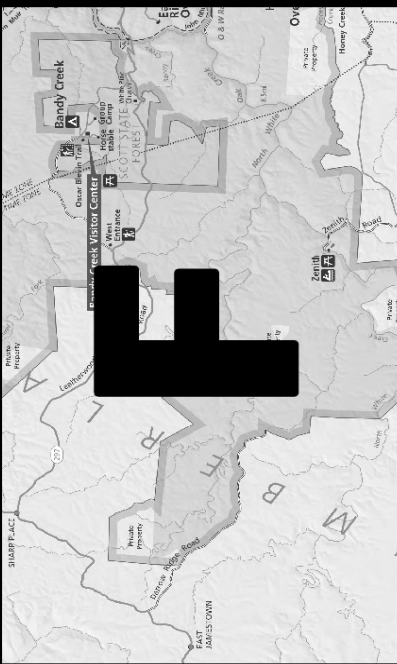
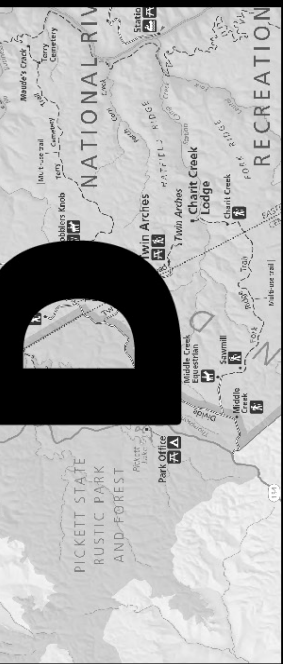
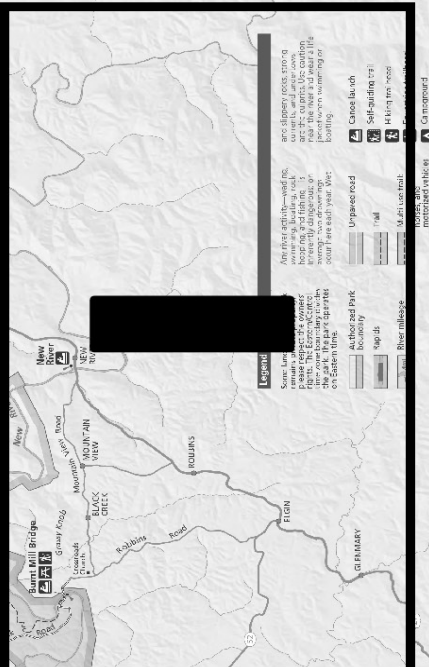
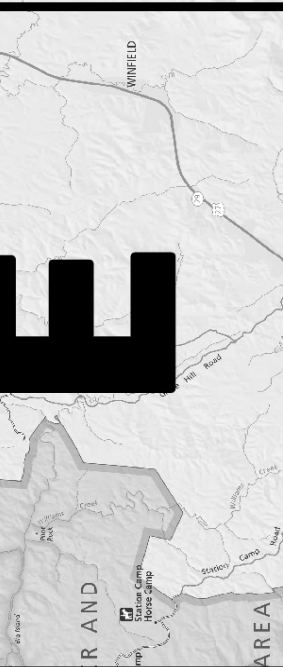
\*\*Each participant can only qualify as a winner in one category.\*\*



It is highly recommended for visitors to use a National Geographic Map of Big South Fork NRR along with this map that shows the general location of the questions.











This certificate is proudly presented to

\_\_\_\_\_

please print name

for completing the

# Big South Fork National River & Recreation Area GO BIG 2021 CHALLENGE

Dated this \_\_\_\_\_ day of \_\_\_\_\_

\_\_\_\_\_

Park Ranger Signature